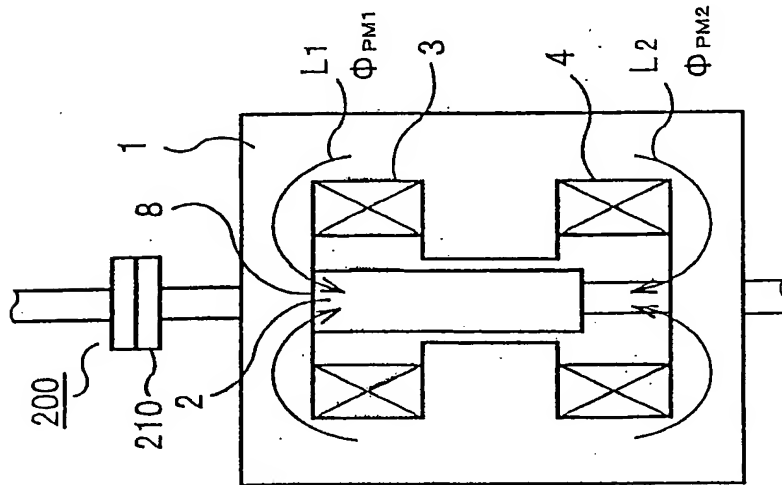
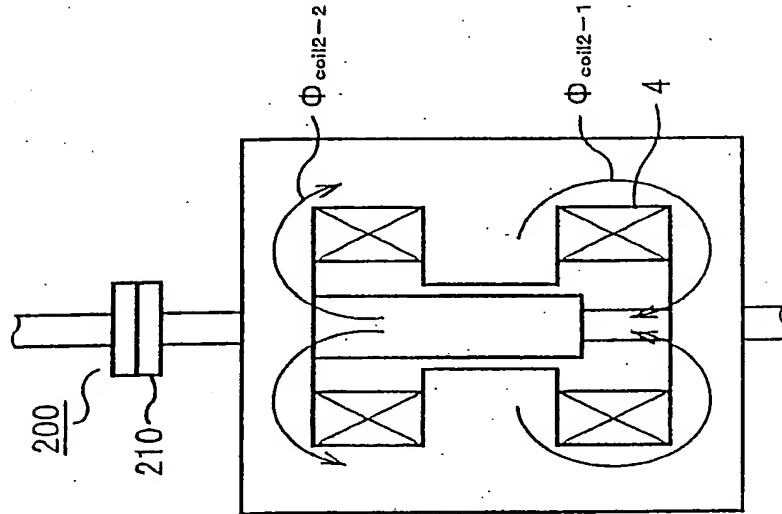


FIG. 8A



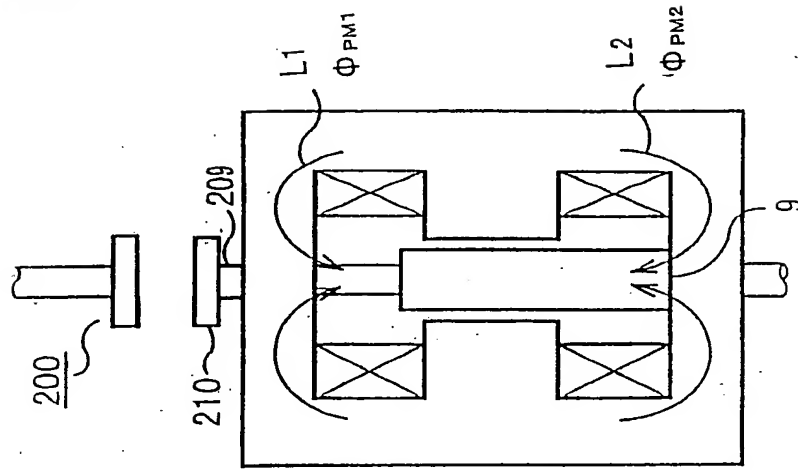
CONTACTS CLOSED  
(COILS UNEXCITED)

FIG. 8B



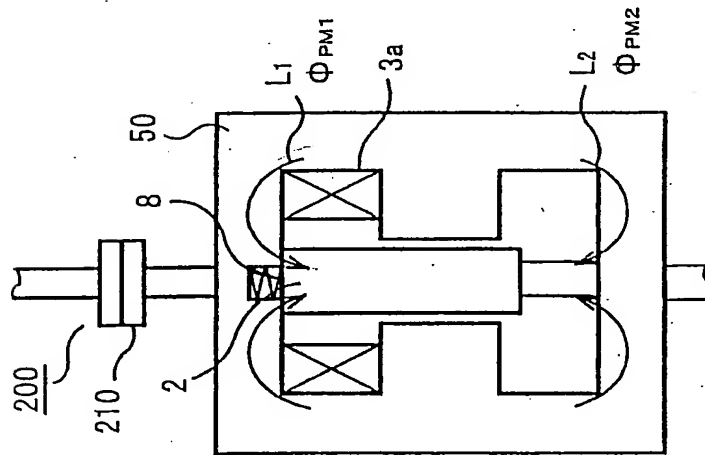
ARMATURE BEING MOVED  
(2ND COIL BEING EXCITED)

FIG. 8C



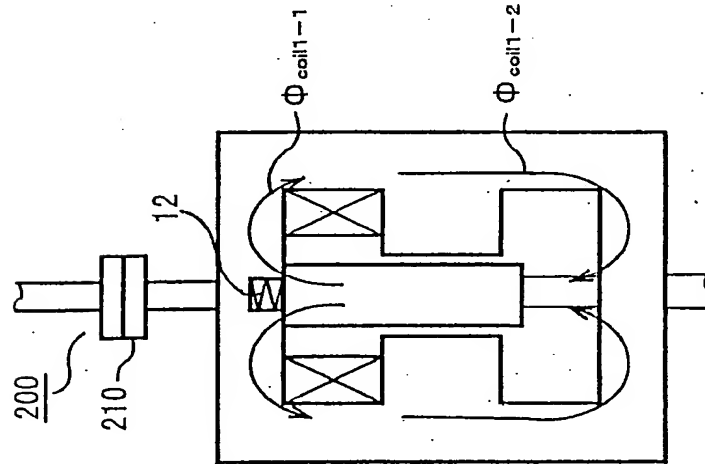
CONTACTS OPENED  
(COILS UNEXCITED)

FIG. 16A



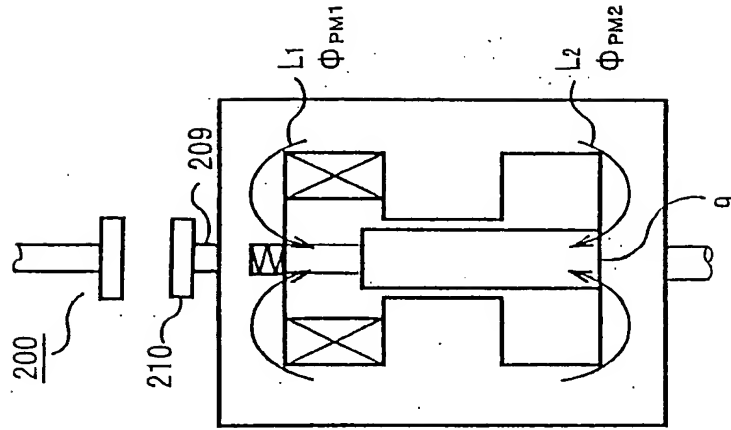
CONTACTS CLOSED  
(COILS UNEXCITED)

FIG. 16B



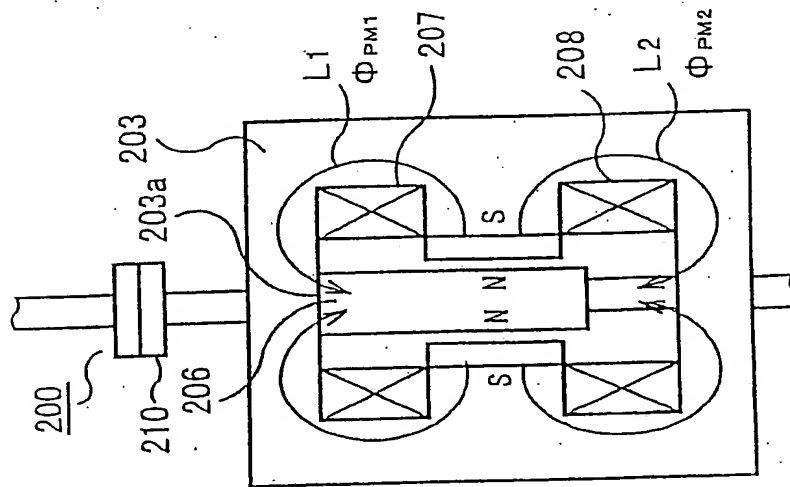
ARMATURE BEING MOVED  
(2ND COIL BEING EXCITED)

FIG. 16C



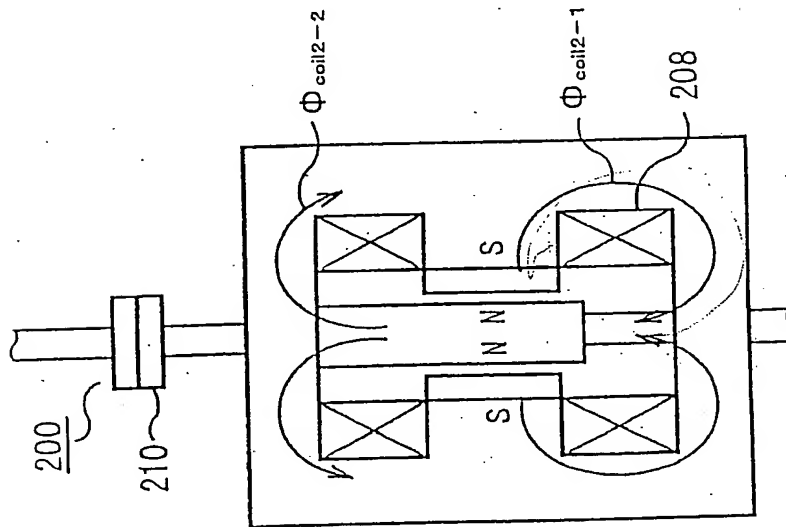
CONTACTS OPENED  
(COILS UNEXCITED)

FIG. 17A  
"PRIOR ART"



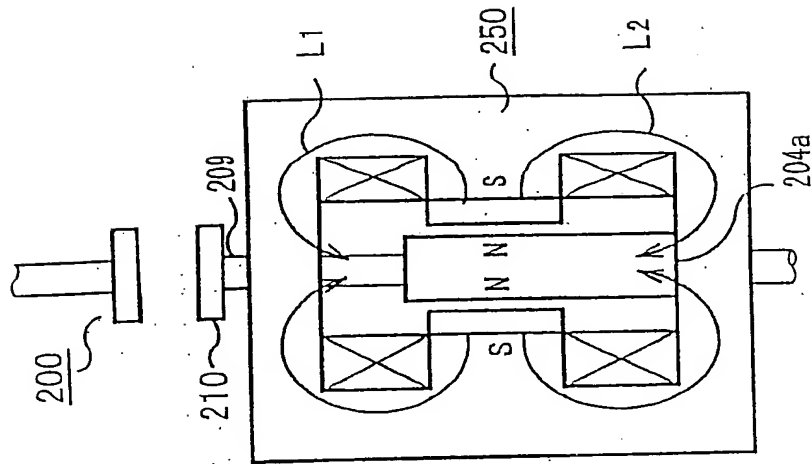
CONTACTS CLOSED  
(COILS UNEXCITED)

FIG. 17B  
"PRIOR ART"



ARMATURE BEING MOVED  
(2ND COIL BEING EXCITED)

FIG. 17C  
"PRIOR ART"



CONTACTS OPENED  
(COILS UNEXCITED)